

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re patent application of:

Burke, *et al.*

Appl. No.: 10/091,342

Filed: March 6, 2002

For: **Process for the Preparation of L-Amino  
Acids with Amplification of the zwf Gene**

Art Unit: 1652

Examiner: R. Prouty

Atty. Dkt.: 7601/80250

**Supplemental Information Disclosure Statement**

Commissioner of Patents  
U.S. Patent and Trademark Office  
Customer Service Window, **MS RCE**  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314

Sir:

Submitted herewith is a listing of documents known to Applicants and/or their attorney in compliance with the requirements of 37 C.F.R. § 1.56. Copies of the listed documents, with the exception of the United States patents, are also enclosed.

Applicants also wish to make the Examiner aware of co-pending applications 10/336,049, filed January 3, 2003, and 10/025,115, filed December 30, 2004.

Applicants do not waive any rights to appropriate action to establish patentability over any of the listed documents should they be applied as references against the claims of the present application. This statement should not be construed as a representation that more material information does not exist or that an exhaustive search of the relevant art has been made.

Consideration of the cited documents and making the same of record in the prosecution of the above-captioned application are respectfully requested.

Applicants do not believe any fee is due for the submission of this Information Disclosure Statement. However, the Commissioner is hereby authorized to charge any fee deficiency to our Deposit Account No. 06-1135 under Order No. 7601/80250.

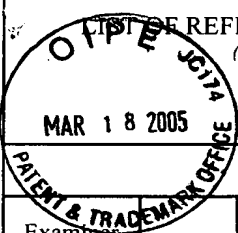
Respectfully submitted,

FITCH, EVEN, TABIN & FLANNERY

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 <p><b>LIST OF REFERENCES CITED BY APPLICANT</b> (Use several sheets if necessary)</p>				Atty. Docket No.: 7601/80250		Appl. No.: 10/091,342	
				Applicant(s): Burke, <i>et al.</i>			
				Filing Date: March 6, 2002		Group: 1652	
<b>U.S. PATENT DOCUMENTS</b>							
Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
	A 1	6,825,029 B2	Nov. 30, 2004	Duncan, <i>et al.</i>	435	252.32	May 3, 2002
	A 2						
	A 3						
	A 4						
	A 5						
	A 6						
	A 7						
	A 8						
	A 9						
	A 10						
	A 11						
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	A 24						
	A 25						
	A 26						
	A 27						
Examiner				Date Considered			

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## LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

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Filing Date: March 6, 2002

Group: 1652

## FOREIGN PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Country	Class	Subclass	Abst./Trans.	
							Yes	No
	B 1	WO 01/00844	Jan. 4, 2001	WIPO	C12N	15/31		
	B 2	EP 0 358 940 B1	Sep. 13, 1995	WIPO	C12N	15/60		
	B 3							
	B 4							
	B 5							
	B 6							
	B 7							
	B 8							
	B 9							
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	B 25							
	B 26							
	B 27							

Examiner

Date Considered

<p>LIST OF REFERENCES CITED BY APPLICANT</p> <p><small>(Use several sheets if necessary)</small></p>		Atty. Docket No.: 7601/80250	Appl. No.: 10/091,342
		Applicant(s): Burke, <i>et al.</i>	
		Filing Date: March 6, 2002	Group: 1652
Examiner Initial	OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)		
	C 1	BORK, "Powers and Pitfalls in Sequence Analysis: The 70% Hurdle," <i>Genome Research</i> 10:398-400 (2000).	
	C 2	BRENNER, "Errors in Genome Annotation," <i>TIG</i> 15:132-133 (1999).	
	C 3	BROUN, <i>et al.</i> , "Catalytic Plasticity of Fatty Acid Modification Enzymes Underlying Chemical Diversity in Plant Lipids," <i>Science</i> 282:1315-1317 (1998).	
	C 4	HAGEN, <i>et al.</i> , "The Unique Cyanobacterial Protein OpcA Is an Allosteric Effector of Glucose-6-phosphate Dehydrogenase in <i>Nostoc Punctiforme</i> ATCC 29133," <i>J. Biol. Chem.</i> 276(15):11477-11486 (2001).	
	C 5	KOBAYASHI, <i>et al.</i> , "Purification and Properties of NAD-Dependent D-Glucose Dehydrogenase Produced by Alkalophilic <i>Corynebacterium</i> sp. No. 93-1," <i>Agricultural and Biological Chemistry</i> 44(10):2261-2269 (1980).	
	C 6	NEWMAN, <i>et al.</i> , "A Comparison of Gene Organization in the <i>zwf</i> Region of the Genomes of the Cyanobacteria <i>Synechococcus</i> sp. PCC 7942 and <i>Anabaena</i> sp. PCC 7120," <i>FEMS Microbiology Letters</i> 133(1-2):187-193 (1995).	
	C 7	SCHAEFFER, <i>et al.</i> , "Glucose-6-phosphate Dehydrogenase of <i>Anabaena</i> sp.," <i>Arch. Microbiol.</i> 116(1):9-19 (1978).	
	C 8	SEFFERNICK, <i>et al.</i> , "Melamine Deaminase and Atrazine Chlorohydrolase: 98 Percent Identical but Functionally Different," <i>J. Bacteriol.</i> 183:2405-2410 (2001).	
	C 9	SMITH, <i>et al.</i> , "The Challenges of Genome Sequence Annotation or 'The Devil Is in the Details,'" <i>Nature Biotechnology</i> 15:1222-1223 (1997).	
	C 10	SUMMERS, <i>et al.</i> , "Transcriptional Regulation of <i>zwf</i> , Encoding Glucose-6-phosphate Dehydrogenase, from the Cyanobacterium <i>Nostoc Punctiforme</i> Strain ATCC 29133," <i>Mol. Microbiol.</i> 22(3):473-480 (1996).	
	C 11	SUNDARAM, <i>et al.</i> , "Multiple Oligomeric Forms of Glucose-6-phosphate Dehydrogenase in Cyanobacteria and the Role of OpcA in the Assembly Process," <i>Microbiology</i> 144(Pt. 6):1549-1556 (1998).	
	C 12	VAN DE LOO, <i>et al.</i> , "An Oleate 12-Hydroxylase from <i>Ricinus communis</i> L. Is a Fatty Acyl Desaturase Homolog," <i>Proc. Natl. Acad. Sci. USA</i> 92:6743-6747 (1995).	
	C 13	WITKOWSKI, <i>et al.</i> , "Conversion of a $\beta$ -Ketoacyl Synthase to a Malonyl Decarboxylase by Replacement of the Active-Site Cysteine with Glutamine," <i>Biochemistry</i> 38:11643-11650 (1999).	
	C 14	EMBL:E13655, Hatakeyama, <i>et al.</i> , "gDNA encoding Glucose-6-phosphate Dehydrogenase," XP002152311 (1998).	
	C 15	Sequence Alignment, GeneSeq. Accession No. AAT88030, Dec. 1997.	
	C 16	Sequence Alignment, SwissProt. Accession No. POR-AVES, Apr. 1990.	
	C 17		
	C 18		
	C 19		
Examiner		Date Considered	